



# WHAT IS PROGRAMMING?

Video

[What is Programming](#)

# Programming Languages

- Low Level
- High Level

# Low Level

- Addresses the computer directly
- Zeros & 1's (Assembly Language)
- Fast instruction processing

# High Level

- Procedural
  - Top down - sequential process
- Object Oriented
  - Event driven
  - Reusable

# High Level - Abstraction

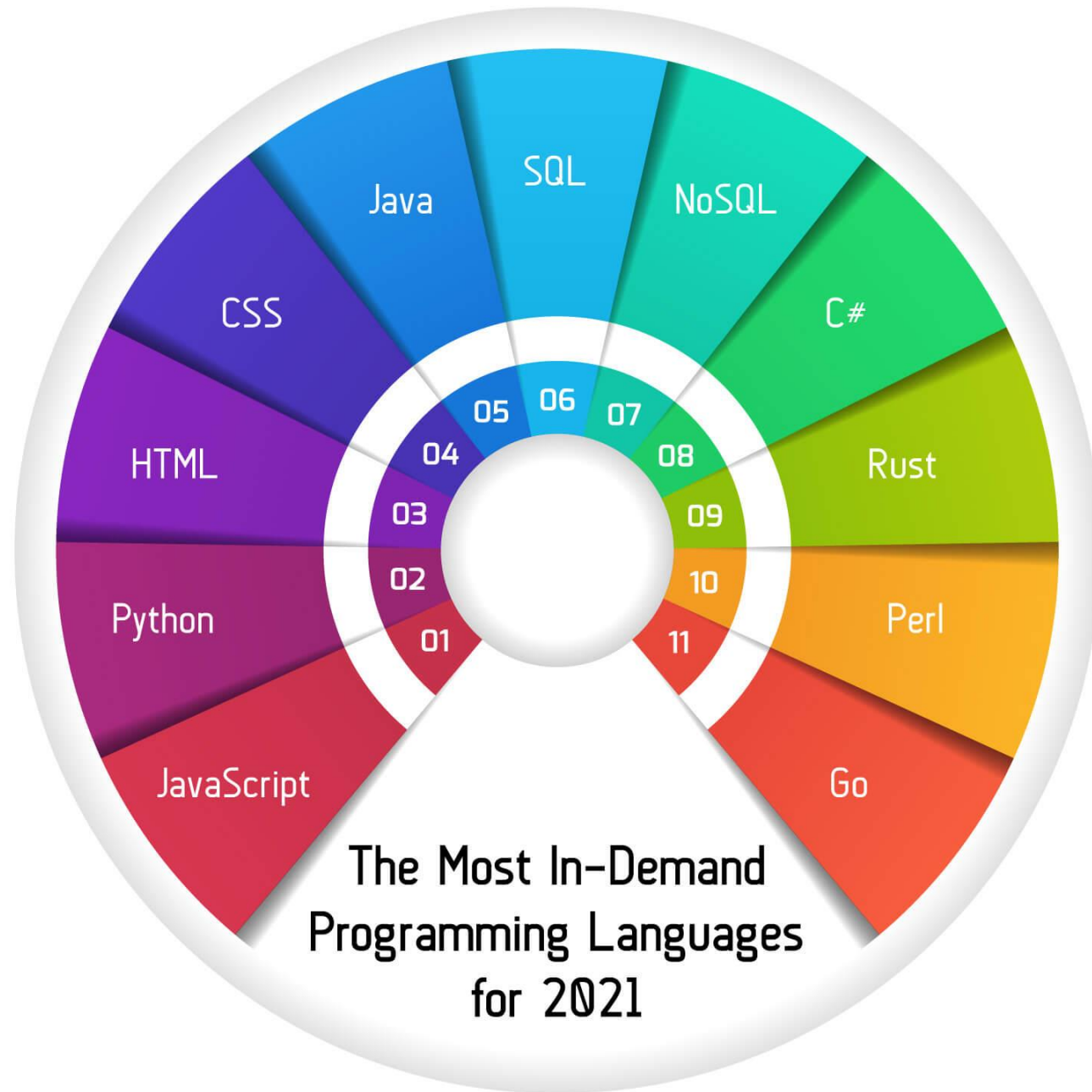
- Abstraction - the process of formulating generalized ideas or concepts by extracting common qualities from specific examples or observations.

# High Level Languages

- Readable Instructions to control a computer
- Many 'Languages' available
- Structured for various purposes

# Run Time High Level Languages

- Compiled or executable (.exe, .com, etc.)
- Interpreter based files (scripting languages, basic, etc.)



The Most In-Demand  
Programming Languages  
for 2021